

SOME CORRECTIONS TO THE "STUDIES IN THE PYRRHOPYGINÆ"

BY E. L. BELL

Several years ago the writer published a series of papers under the title "Studies in the Pyrrhopyginæ" which appeared in the JOURNAL OF THE NEW YORK ENTOMOLOGICAL SOCIETY in 1931, 1933 and 1934. Since that time further information, particularly through the work of Brigadier W. H. Evans with the type material, in the British Museum, has resulted in necessary changes regarding some of the species treated in those papers.

In correspondence Evans has stated that the insect determined as *Jemadia gnetus* Fabricius is not that species but *menechmus* Mabille. He also states that *gnetus* Fabricius and *suzetta* Mabille and Boulet are conspecific. Thus *gnetus* and *menechmus* are to be listed as follows:

Jemadia gnetus Fabricius

1781. *Papilio gnetus* (Fabricius), Spec. Ins., ii, p. 135.
 1819. *Erycides megalesius* (Huebner), Verz. bek. Schmett., p. 110.
 1908. *Jemadia suzetta* Mabille & Boulet, Ann. Scie. Nat., Paris, ser. 9, vol. vii, pp. 193, 194, 196. Bolivia.
 1933. *Jemadia suzetta*, Bell, JOUR. NEW YORK ENT. Soc., xli, p. 507, Pl. 33, Fig. 35 genitalia, Pl. 38, Figs. 49, 50 male, 51 female.

Jemadia menechmus Mabille

1878. *Pyrrhopyga menechmus* (Mabille), Ann. Soc. Ent. Belg., xxi, pp. 17, 18, 21.
 1779. *Papilio vulcanus* (Cramer), Pap. Exot., iii, p. 87, pl. 245, Figs. C, D. (Homonym of *Papilio vulcanus* Fabricius, Syst. Ent., p. 519, 1775. *Lycanida*.)
 1908. *Jemadia menechmus*, Mabille & Boulet, Ann. Scie. Nat., Paris, ser. 9, vii, pp. 195, 197.
 1933. *Jemadia gnetus*, Bell (not Fabricius), JOUR. NEW YORK

ENT. SOC., xli, p. 490, Pl. 32, Fig. 26 genitalia, Pl. 35, Fig. 42, Pl. 36, Fig. 43.

In the paper dealing with the *Jemadia* the identification of *azeta* Hewitson and *patrobas* Hewitson followed that of Godman & Salvin in the *Biologia Centrali-Americana* as they had the Hewitson types before them; however, they appear to have figured the genitalia of other specimens which they thought agreed with the types, as Evans has examined the genitalia of the types themselves and he states that the actual identity of the two species is exactly the reverse of that in the *Biologia*. Evans also says that *patroclus* Ploetz is a synonym of *azeta* Hewitson. *Azeta* and *patrobas* are to be listed as follows:

Jemadia azeta Hewitson

1866. *Pyrrhopyga azeta* (Hewitson), Trans. Ent. Soc., London, p. 479.
 1879. *Pyrrhopyga patroclus* (Ploetz), Stett. Ent. Zeit., xl, p. 522. Peru.
 1893. *Jemadia patrobas*, Godman & Salvin (not Hewitson), Biol. Centr.-Amer., Rhopal., ii, p. 263; iii, Pl. 74, Figs. 13, 14, 15 genitalia.
 1933. *Jemadia patrobas*, Bell (not Hewitson), JOUR. NEW YORK ENT. SOC., xli, p. 501, Pl. 33, Fig. 30 genitalia.

Jemadia patrobas Hewitson

1857. *Pyrrhopyga patrobas* (Hewitson), Exot. Butt., ii, Pyrrhopyga, Pl. 1, Fig. 1 (as *vulcanus*); *patrobas*, loc. cit. text partim.
 1893. *Jemadia azeta*, Godman & Salvin (not Hewitson), Biol. Centr.-Amer., Rhopal., ii, p. 264; iii, Pl. 74, Figs. 16, 17 genitalia.
 1933. *Jemadia azeta*, Bell (not Hewitson), JOUR. NEW YORK ENT. SOC., xli, p. 500, Pl. 32, Fig. 29 genitalia.

Evans also says that *Jemadia fallax* Mabilie is the species treated by the writer as *zonara* Hewitson and that Hewitson's *zonara* is the species described by Mabilie as *perplexus* and later placed in the genus *Nosphistia* by Mabilie & Boulet. *Fallax* and *zonara* are to be listed as follows:

Jemadia fallax Mabilie

1878. *Pyrrhopyga fallax* (Mabilie), Ann. Soc. Ent. Belg., xxi, pp. 17, 22. Brasil.
1908. *Jemadia fallax*, Mabilie & Boulet, Ann. Scie. Nat., Paris, ser. 9, vii, pp. 194, 195, 197.
1933. *Jemadia fallax*, Bell, JOUR. NEW YORK ENT. SOC., xli, p. 494.
1933. *Jemadia zonara*, Bell (not Hewitson), JOUR. NEW YORK ENT. SOC., xli, p. 506, Pl. 33, Fig. 34 genitalia.

Nosphistia zonara Hewitson

1866. *Pyrrhopyga zonara* (Hewitson), Trans. Ent. Soc., London, p. 480.
1871. *Pyrrhopyga zonara* (Hewitson), Exot. Butt., iv, Pyrrhopyga Pl. 2, Fig. 10.
1878. *Pyrrhopyga perplexus* (Mabilie), Ann. Soc. Ent. Belg., xxi, pp. 17, 20.
1908. *Nosphistia perplexa* Mabilie & Boulet, Ann. Scie. Nat., Paris, ser. 9, vii, pp. 197, 198.
1912. *Nosphistia perplexa* Mabilie & Boulet, Ann. Scie. Nat., Paris, ser. 9, xvi, Pl. 1, Fig. 2.
1933. *Nosphistia perplexus*, Bell, JOUR. NEW YORK ENT. SOC., xli, p. 509, Pl. 33, Fig. 36 genitalia.